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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Joseph VANNLASinkam et al. ) Group Art Unit: 2874  
Application No.: 10/028,419 ) Examiner: To Be Assigned  
Filed: December 21, 2001 )  
For: GRATING BASED )  
MULTIPLEXER/DEMULTIPLEXER )  
COMPONENT )

Commissioner for Patents  
Washington, DC 20231

Sir:

**REVOCATION OF POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the Assignee owning all of the interest in this patent, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that Pine Photonics Communications, Inc. is the Assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors filed in the U.S. Patent and Trademark Office on December 21, 2001 (copies of the Recordation Cover Sheet and executed Assignment as filed are attached). The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the Assignee Pine Photonics Communications, Inc.

The undersigned hereby grants its power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., Douglas B. Henderson, Reg. No. 20,291; Ford

F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28,992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanhon Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van

Horn, Reg. No. 40,266; Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33,921; James B. Monroe, Reg. No. 33,971; Doris Johnson Hines, Reg. No. 34,629; Lori Ann Johnson, Reg. No. 34,498; R. Bruce Bower, Reg. No. 37,099; John Rissman, Reg. No. 33,764; Therese A. Hendricks, Reg. No. 30,389; Leslie I. Bookoff, Reg. No. 38,084; Michele C. Bosch, Reg. No. 40,524; Michael J. Flibbert, Reg. No. 33,234; Scott A. Herbst, Reg. No. 35,189; Leslie A. McDonell, Reg. No. 34,872; Thalia V. Warnement, Reg. No. 39,064; Ronald A. Bleeker, Reg. No. 27,773; Kathleen A. Daley, Reg. No. 36,116; C. Gregory Gramenopoulos, Reg. No. 36,532; Anthony M. Gutowski, Reg. No. 38,742; Yitai Hu, Reg. No. 40,653; Lionel M. Lavenue, Reg. No. 46,859; Christine E. Lehman, Reg. No. 38,535; and Gary J. Edwards, Reg. No. 41,008; both jointly and separately as their attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning this application to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. at the following address:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Dated: April 15, 2003

By: 

Name: Osa Mok  
Title: Vice President, Marketing  
Pine Photonics Communications, Inc.

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TELEPHONE: 202-295-1300

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF

1. Name of conveying party(ies):

- (a) Joseph Vanniasinkam
- (b) Jon Meyer
- (c) Christopher Viray
- (d) Bor-Long Twu

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Pine Photonics Communications, Inc.

Street Address: 940 Auburn Court

City: Fremont State: California

Zip: 94538

Country: USA

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other \_\_\_\_\_

Execution Date: December 21, 2001

Name and address of receiving party(ies):

Name:

Street Address:

City:

State:

Zip:

Country:

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 21, 2001

A. Patent Application No.(s) - n/a

Title: Grating Based Multiplexer/Demultiplexer Component

B. Patent No.(s)

N/A

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gary J. Edwards

Internal Address: SKJERVEN MORRILL MacPHERSON LLP

Street Address: 25 METRO DRIVE, SUITE 700

City: SAN JOSE State: CA Zip: 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

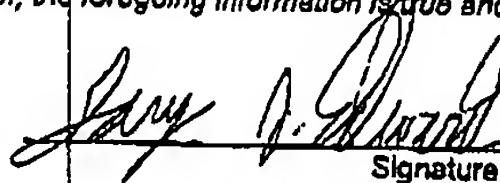
- ☒ Authorized to be charged to Deposit Account 19-2386
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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary J. Edwards 41.008  
Name of Person Signing

  
Signature

12/21/01  
Date

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# ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

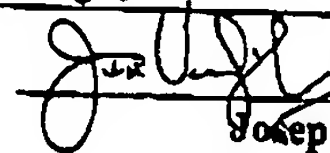
<u>Joseph Vanniasinkam</u>	of <u>Scarborough, Ontario</u>
<u>Jon Meyer</u>	of <u>Fremont, California</u>
<u>Christopher Viray</u>	of <u>Sunnyvale, California</u>
<u>Bor-Long Twu</u>	of <u>Sunnyvale, California</u>

hereby sell, assign and transfer to **Pine Photonics Communications, Inc.**, a Delaware corporation, having a place of business at **940 Auburn Court, Fremont, California 94538**, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

## Grating Based Multiplexer/Demultiplexer Component

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 14 day of December, 2001.



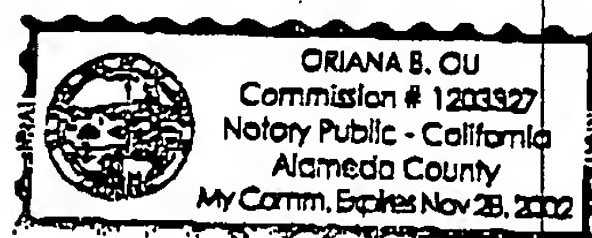
Joseph Vanniasinkam

State of CALIFORNIA )

County of ALAMEDA ) ss.

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC personally appeared JOSEPH INDIRAN ~~known to me~~ proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is ~~the~~ subscribed to the within instrument and acknowledged to me that he/~~she/it~~ executed the same in his/~~her/its~~ authorized capacity(~~ies~~), and that by his/~~her/its~~ signature(~~s~~) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.



  
SIGNATURE OF NOTARY

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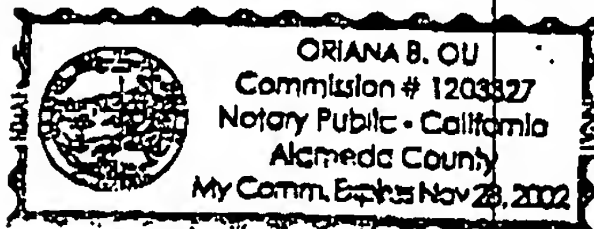
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Jon Meyer  
Jon Meyer

State of CALIFORNIA )  
County of ALAMEDA ) ss.

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC personally appeared JON EDWARD MEYER personally ~~XXXXXXXXXX~~ proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is (MEYER) subscribed to the within instrument and acknowledged to me that he/~~she/it~~ executed the same in his/~~her/its~~ authorized capacity(~~ies~~), and that by his/~~her/its~~ signature(~~s~~) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
SIGNATURE OF NOTARY

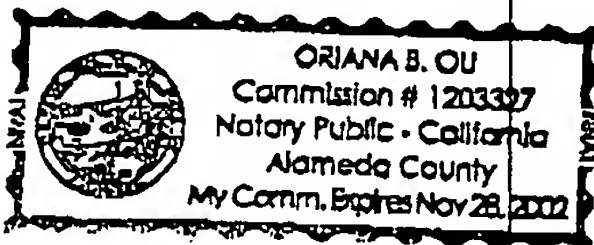
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Christopher Viray  
Christopher Viray

State of CALIFORNIA )  
County of ALAMEDA ) ss.

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC personally appeared CHRISTOPHER SEAN VIRAY personally ~~XXXXXXXXXX~~ proved to me on the basis of satisfactory evidence to be the person(x) whose name(x) is (VIRAY) subscribed to the within instrument and acknowledged to me that he/~~she/it~~ executed the same in his/~~her/its~~ authorized capacity(~~ies~~), and that by his/~~her/its~~ signature(~~s~~) on the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
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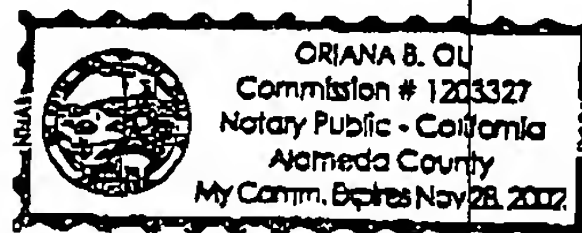
Executed this 14<sup>th</sup> day of December, 2001.

Bor-Long Twu  
Bor-Long Twu

State of CALIFORNIA )  
County of ALAMEDA ) ss.

On DECEMBER 14, 2001 before me, ORIANA B. OU, NOTARY PUBLIC  
personally appeared BOR LONG TWU  
~~known to me~~ proved to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/it  
executed the same in his/her/its authorized capacity(ies), and that by his/her/its  
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)  
acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
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